

Crestron CLX-4HSW4

4 Channel High-Inrush Switch Module

- > 4 independent channels of switching for high-inrush loads
- > On/off control of motors, fluorescent, incandescent, low-voltage, HID, and neon/cold cathode lighting
- > Accepts up to 4 separate 120 Volt feeds
- > Air-gap relays on every channel output
- > Override preset capability
- > Occupies 1 module space in a CAEN automation enclosure
- > Easy termination using CLT-Series terminal block

As part of a complete Crestron lighting system, the CLX-4HSW4 module provides 4 independent channels of switching for high-inrush loads such as motors, HID lighting, and fluorescent ballasts, as well as incandescent, low-voltage, and neon/cold cathode lighting. Each channel is rated for 16 Amps or 1/2 HP, with a total module rating of 64 Amps when fed from four separate 20 Amp feeds. Air-gap relays are provided on every channel output allowing individual circuits to be serviced without disabling the entire module.

An override feature allows each channel to be set to a preset state during setup. In the event that Cresnet communications should be disrupted for any reason, a simple contact closure can be used to activate the override presets on a global or semi-global basis.

The CLX-4HSW4 occupies a single module space in any CAEN automation enclosure. Termination of high-voltage wiring to the module is facilitated by a CLT-4HSW4 terminal block, sold separately to enable termination of the wiring anytime prior to installing the module. CLX modules are controlled by the PAC2 and PAC2M PAC2 professional automation control systems via the Cresnet network. A 5-wire link provides bussing of the Cresnet and override signals between modules within an enclosure (interconnect jumpers included).

SPECIFICATIONS

Load Ratings

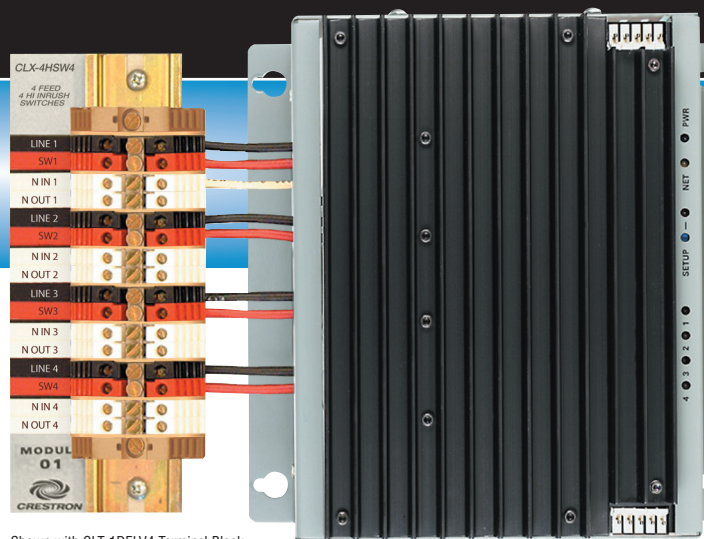
Switch Channels: 4
Per Channel: 16 Amps, 1/2 HP
Module Total: 64 Amps
Load Types: Incandescent, Fluorescent, Low-voltage, Neon/Cold Cathode, High-Intensity Discharge (HID), Motors

Power Requirements

120 Volts AC, 60Hz line power

Connections on module

Module Interconnect: (2) 5-pin 0.156 inch headers, Cresnet/Override interconnect ports
Connect to PAC2, PAC2M, CAEN-BLOCK, or adjacent CLX-Series module using interconnect cable provided



Shown with CLT-1DELV4 Terminal Block

Connections via CLT terminal block (sold separately)

LINE 1 - 4: (4) DIN rail terminal blocks, black, line power inputs

SW 1 - 4: (4) DIN rail terminal blocks, red, channel outputs

N IN 1 - 4: (4) DIN rail terminal blocks, white, line input neutrals

N OUT 1 - 4: (4) DIN rail terminal blocks, white, channel output neutrals

Buttons

SETUP: Used for manual channel activation and TSID

LED Indicators

PWR: (green) Indicates line power is applied to the LINE terminal

NET: (yellow) Indicates communication with the control system

1 - 4: (red x4) Indicates state of each channel

SETUP: (red) Indicates unit is in setup/manual mode

Environmental

Temperature: 32° to 104°F (0° to 40°C)

Humidity: 10% to 90% RH (non-condensing)

Heat Dissipation: 16 BTU/Hr + (0.41 BTU/Hr x Load Current in Amps), 42 BTU/Hr at maximum load

Enclosure

Gray metal with black heat sink, surface mount module with (2) integral mounting flanges, occupies 1 module space in any CAEN enclosure

Dimensions

Height: 7.59 in (19.27 cm)

Width: 6.92 in (17.57 cm)

Depth: 3.43 in (8.70 cm)

Weight

3.00 lb (1.36 kg)

AVAILABLE ACCESSORIES

CAEN Automation Enclosures

CLT-4HSW4 Terminal Block

